

ABSTRACT

The invention provides tools and techniques for enhancing the security of information by misdirecting unauthorized parties, so they believe they have decrypted a message and obtained protected information when in fact they have only obtained the 5 plaintext the information's owners wanted them to obtain. Thus, the invention provides tools and techniques for using different decryption keys to surreptitiously provide different decryption results for what is apparently a single encrypted message. An encrypted mux message includes encryptions for several plaintexts, each of which has a corresponding key, and the decoding software displays plaintext according to which key 10 is used.

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